

ASSOCIATE OF APPLIED SCIENCE IN EMERGENCY MEDICAL SERVICES

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Emergency medical services programs are designed to educate persons to provide emergency prehospital care to people experiencing health crises. The goals of these programs are on three different levels:

- emergency medical technician
- paramedic certification
- Associate of Applied Science degree

The emergency medical technician course follows the Department of Transportation's national emergency medical services education standards, meeting all the knowledge requirements for entry-level emergency medical technician certification. To be eligible for the National Registry of Emergency Medical Technicians' certifying examination at the EMT level, the student must:

- Receive a grade of C or greater in:

COURSE	TITLE	S.H.
EMS 1500	Emergency Medical Technician	4
EMS 1500L	Emergency Medical Technician Laboratory	2
EMS 1500C	Emergency Medical Technician Clinical and Field Internship	1

- Successfully complete the field internship objectives

The Emergency Medical Technician Paramedic Certificate can be attained after successfully completing four semesters of study. The course of study provides the student with knowledge about the recognition, assessment, and practice of emergency medical care in the pre-hospital setting on an advanced life-support unit. It meets and exceeds all U.S. Department of Transportation national emergency medical services education standards. The Youngstown State University emergency medical services program is accredited by:

The Commission on Accreditation of Allied Health Education Programs
<http://www.caahep.org>
 25400 U.S. Highway 19 North, Suite 158
 Clearwater, FL 33763
 (727) 210-2350

Upon the recommendations of:

The Committee on Accreditation of Educational Programs for the EMS Professions
<http://www.coaemsp.org>
 CoAEMSP [#600045]
 8301 Lakeview Parkway Suite 111-312
 Rowlett, TX 75088
 (214) 703-8445
 fax (214) 703-8992

and

The Ohio Department of Public Safety Division of Emergency Medical Services
 1970 West Broad Street
 Columbus, OH 43223
<http://www.ems.ohio.gov>
 [ODPS #333]
 (614) 466-9447
 fax (614) 466-9461

The last reaccreditation site visit occurred on March 3 & 4, 2016, which resulted in continuing accreditation. The next reaccreditation visit is expected to occur in March 2021. The graduates of the paramedic program over the last three years have had a 96% pass rate on the National Registry of EMTs Paramedic examination.

The Associate of Applied Science degree is awarded following the completion of the advanced training program with clinical paramedical experiences. This program includes coursework for critical care paramedicine and multi-skilled EMS practitioner. Thirty percent of all teaching and clinical rotations are physician-instructed and/or precepted. To obtain the Associate of Applied Science degree (including the Emergency Medical Technician Certificate and the Paramedic Certificate), will require six semesters of study including two summer semesters.

For the certificate, admission requirements and procedures are the same as those applicable to the University and the Department of Health Professions with the addition of a minimum age of 18 years, and a current driver's license or state-issued I.D. The student must be Ohio EMT certified prior to being accepted into the paramedic program. (BIOL 1545 Allied Health Anatomy and Physiology) or the equivalent is a required prerequisite for admission into the paramedic program. A physical examination to attest to good health, finger printing, and a criminal background check are required. Drug testing may be required by the clinical or field internship site. Admission into the Associate of Applied Science degree program is restricted. Please refer to the admission policies available from the Department of Health Professions.

Course	Title	S.H.
Year 1		
Summer		
BIOL 1545 & 1545L	Allied Health Anatomy and Physiology and Allied Health Anatomy and Physiology Laboratory	5
Semester Hours		5
Fall		
EMS 1501	Introduction to Prehospital Medicine	1
EMS 1502	General Pathophysiology for the Paramedic	3
EMS 1503	Patient Assessment and Airway Management	3
EMS 1504	Principles of Trauma	3
EMS 1505	Emergency Medical Techniques 1 Lab	1
EMS 1506	Emergency Medical Services Clinical 1	1
MATC 1501	Medical Terminology	3
Semester Hours		15
Spring		
EMS 1507	Cardiovascular Emergencies	3
EMS 1508	Cardiovascular Techniques Lab	1
EMS 1512	Medical Conditions and Management Techniques	3
EMS 1513	Emergency Medical Techniques 2 Lab	1
EMS 1514	Emergency Medical Services Operations	1
EMS 1515	Clinical Experience 2	1
EMS 1516	Prehospital Field Experience 1	1
PSYC 1560	General Psychology	3
Semester Hours		14
Year 2		
Summer		
EMS 2600	Emergency Medical Services Special Populations	3
EMS 2601	Emergency Medical Techniques 3 Lab	1
EMS 2603	Clinical Experience 3	2
EMS 2604	Prehospital Field Experience 2	1

EMS 2605	Pulmonary Emergencies	3
Semester Hours		10
Fall		
EMS 2606	EMS Special Certifications	1
EMS 2607	EMS Special Certifications Lab	1
EMS 2609	EMS Prehospital Field Internship	3
ENGL 1550	Writing 1	3
SOC 1500	Introduction to Sociology	3
CHEM 1505 & 1505L	Allied Health Chemistry 1 and Allied Health Chemistry 1 Laboratory	3
Completion of Paramedic Certificate - 46 s.h.		
(ENGL 1550, SOC 1500, CHEM 1505, and CHEM 1505L are not required for the certificate)		
Semester Hours		14
Spring		
EMS 2613	Critical Care Paramedic	3
EMS 2614	Critical Care Paramedic Laboratory	1
EMS 2631	Advanced Clinical and Field Internship Experience	2
ENGL 1551	Writing 2	3
CMST 1545	Communication Foundations	3
MATH 2623	Quantitative Reasoning	3
Semester Hours		15
Total Semester Hours		73

Applicants must have a State of Ohio EMT certification (completion of EMS 1500, EMS 1500L, and EMS 1500C or equivalent). A grade of C or greater is required for all EMS, PSYC, and MATC courses.

Learning Outcomes

Graduates in the paramedic program will:

- Demonstrate the ability to comprehend, apply, and evaluate clinical information relevant to their role as a paramedic (cognitive).
- Demonstrate technical proficiency in all skills necessary to fulfill the role as a paramedic (psychomotor).
- Demonstrate personal behavior consistent with professional and employer expectations for the paramedic (affective).